

ABSTRACT OF THE DISCLOSURE

To provide a mobile communication system capable of easily performing selection of an optimal transmission mode. Upon receiving a receiving error notice from a mobile station, a transmission mode switching selecting portion of a base station forwards an instruction to switch a transmission mode to a mode slower than a current transmission mode to a modulation/coding portion. After receiving the receiving error notice, if the receiving error notice is not continuously received for a predetermined number of blocks  $N_s$ , the transmission mode switching selecting portion forwards an instruction to switch a transmission mode to a mode faster than the current transmission mode to the modulation/coding portion. The modulation/coding portion switches the modulation/coding code to any one of a QPSK modulation/coding circuit, a 16QAM modulation/coding circuit and a 64QAM modulation/coding circuit in response to the switching instruction and performs modulation/coding in the circuit switched to.